

Sheet 1 of 1

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| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE | | Atty. Docket No. US 010570 | | Serial No. 09/988,946 | | | | | | | | | | | | |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | Applicant ANTONIO J. COLMENAREZ ET AL. | | | | | | | | | | | | | | |
| | | Filing Date 11/19/01 | | Group 2621 2623 | | | | | | | | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | | | | | | | | | |
| Ex. Int. | | Document Number | | | | | | Date | Name | Class | Sub- class | Filing Date If Approp. | | | | |
| <i>Chc</i> | AA | 6 | 2 | 6 | 3 | 0 | 8 | 8 | 7/17/01 | CRABTREE ET AL. | 382 | 103 | | | | |
| <i>Chc</i> | AB | 5 | 5 | 4 | 8 | 6 | 6 | 1 | 8/20/96 | PRICE ET AL. | 382 | 133 | | | | |
| | AC | | | | | | | | | | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | | | | |
| | | Document Number | | | | | | Date | Country | Class | Sub- class | Trans. | | | | |
| | | | | | | | | | | | | Yes | No | | | |
| <i>Chc</i> | AG | 1 | 2 | 2 | 9 | 4 | 9 | 3 | A | 2 | 7/8/02 | EUROPE | G06T | 5/00 | X | |
| | AH | | | | | | | | | | | | | | | |
| | AI | | | | | | | | | | | | | | | |
| | AJ | | | | | | | | | | | | | | | |
| | AK | | | | | | | | | | | | | | | |
| OTHER (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | | | | | | | | | |
| <i>Chc</i> | AL | Dempster et al: "Maximum Likelihood From Incomplete Data Via The EM Algorithm" Journal Of The Royal Statistical Society. Series B. Methodological, Royal statistical Society, London, GB, vol. 39, no. 1, 1977, pages 1-38 | | | | | | | | | | | | | | |
| | AM | | | | | | | | | | | | | | | |
| | AN | | | | | | | | | | | | | | | |
| Examiner <i>Chc</i> | | | | | | | | | Date Considered 2-4-05 | | | | | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant. | | | | | | | | | | | | | | | | |

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Sheet 1 of 1Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
(REV. 7-80) PATENT AND TRADEMARK OFFICE

Atty. Docket No.

US010570

Serial No.

09/988,946

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ANTONIO COLMENAREZ

Filing Date

NOVEMBER 19, 2001

Group

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U.S. PATENT DOCUMENTS

| Ex. Int | Document Number | Date | Name | Class | Sub-class | Filing Date If Approp. |
|---------|-----------------|------|------|-------|-----------|------------------------|
| AA | | | | | | |
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FOREIGN PATENT DOCUMENTS

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| AG | | | | | | | |
| AH | | | | | | | |
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| AJ | | | | | | | |
| AK | | | | | | | |

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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|----|---|
| AL | Dempster AP et al., "Maximum Likelihood from Incomplete Data Via the EM Algorithm", Journal of the Royal Statistical Society, Series B, Methodological, Royal Statistical Society, London, GB, vol. 39, no. 1, pp.1-38, XP009002229 |
| AN | (already considered) |
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Examiner

Date Considered

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